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(54) Title: **FUNGALL CELL WALL DEGRADING ENZYME**

(57) Abstract: A novel fungal enzyme having lysozyme activity has been isolated. The invention further relates to a fungal polypep-
tide having lysozyme activity and belonging to the GH25 family, wherein the enzyme is selected from the group consisting of (a) a
polypeptide comprising an amino acid sequence, which has at least 80% identity with amino acids 1 to 233 of SEQ ID NO:2; (b)
a polypeptide comprising an amino acid sequence, which has at least 80% identity with the polypeptide encoded by the lysozyme
encoding part of the nucleotide sequence inserted into a plasmid present in strain DSM16084; (c) a polypeptide which is encoded
by a nucleotide sequence which hybridizes under high stringency conditions with a polynucleotide probe consisting of the comple-
mentary strand of nucleotides 84 to 782 of SEQ ID NO:1; or (d) a fragment of (a), (b) or (c) that has lysozyme activity.

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